

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1696] #22 and #24 Wire Stranded
Message-ID: <199610130045.AAA21599@chuck.dallas.sgi.com>

Gang,

When you are thinking about wire, and in particular
Jim's offer these are some figures from Paul's book
and the ARRL Handbook

AWG #	Diam(in)	Feet/lb	Ohms/1000ft	Carrying Current
22	0.025	516	16	0.9A
24	0.020	818	26	0.58A

#22 is usually seven strands #30 solid
#24 is usually seven strands #32 solid

#30 solid is rated at 0.14A
#32 solid is rated at 0.09A
#34 0.06A (60mA)

Kit designers outta consider giving us
two pads on the board from the power plug
to place a small wire to act as a fuse.
Top of board to make replacement easy.

For those who like to gamble they can
use larger wire. :-)

I know that the MFJ 9XXX rigs use a PCB
trace but when you burn it out there is
no open pads to wire in new one.

FYI

: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "Jeffrey M. Poulin" <jpoulin@erols.com>
Subject: [1686] 75 ohm feed line
Message-ID: <199610121942.PAA03133@smtp2.erols.com>

Hello folks:

Here's another beginner's question. I am putting up a dipole resonant at 40 meters and to be used on 10 meters also. I'll be connecting it to the Ten-Tec 891 antenna tuner and from there to the Scout.

Question: I have a hundred feet of 75 ohm RG6/U coax. Can I use it to run from the dipole to the tuner or must I have 50 ohm coax?

Thanks for any help. Feel free to e-mail me directly if it isn't worth the List's interest.

Jeff/KF4JSV QRP-L #743

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "Phil, AC6LS" <ac6ls@amsat.org>
Subject: [1661] A joyous day indeed!!!!
Message-ID: <325F51CC.10D2@amsat.org>

Today (fri) I received a bunch of QSL cards from the Bureau.

mostly JA's but a LU, PJ2 and several ZL's. Several of the

ZL's were kind enough to add the coveted /QRP to the info,

thus "bagging" another for the NorCal 40A and Sierra !!!!!!!

(both run a whopping 2 watts)

72 de Phil AC6LS

5 days and counting (Pacificon)!!!

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1683] AK0B/B heard in WNY
Message-ID: <19961012.135628.9711.0.wb2vuo@juno.com>

The AK0B/B beacon has been in here from a 429 to a 579 all morning, right through local "Solar" noon. A nice signal, and the 40 Meter band is in great shape today.

So, what am I doing here on the keys? See you on the band(s)...

72/73, Keith, WB2VUO, QRP-L #582

Trustee, KB2YTW/B 10 Mtr Milliwattting Beacon (250 mW @ 28.2870 MHz)

"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: svecbrdk@well.com (L.Svec,W.Burdick)

Subject: [1676] Another excellent job on QRPP by Mr. Hendricks!

Message-ID: <199610121650.JAA22417@mh1.well.com>

Doug, just got my QRPP--what a great selection of articles! You really know how to mix 'em up. The "schematic centerfolds" are a great format, too.

Thanks, too, to Paul Harden for the nice work cleaning up the KC2 drawing on the cover!

73,
Wayne
N6KR

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: Grover <SIXPENCE@worldnet.att.net>

Subject: [1665] Antenna Specialists Address/Phone #

Message-ID: <2.2.16.19961012080912.2f5704d2@postoffice.worldnet.att.net>

Good morning: Anyone have the address/phone# of Antenna Specialists?
Looking for a better side mount for Hamstick/Hustler whips for a van conversion.
Tnx 72 y Paz Grover KQ4AL <SIXPENCE@worldnet.att.net>

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: kt3a@juno.com (Cameron CR Bailey)

Subject: [1650] Attic Antenna Progress

Message-ID: <19961011.220809.5023.0.kt3a@juno.com>

Fellow antenna fans,

I wanted to install a loop antenna for 40 meters, but the attic is just not large enough. My attic is 28 feet square. Anyone ever try a half wave loop?

I considered a small loop. For 40 meters the conductor would have to be about 22 feet in circumference and a half inch in conductor diameter. It

would have about 50 pF series capacitance. Not in the mood to do plumbing,
Maybe, I'll do one for portable use that can be mounted with a single vertical mount. Put that idea away for now.....

I tried a crazy idea of a quarter wave sloper. For the image side, I tried the galvanized vent duct for the furnace and hot water heater. This runs from the basement up through 2 floors and through the roof. Well, that did not work too well. The impedance was too high. I scraped that idea but kept the wire. I drilled a hole down into the wall and put a box and ran 450 ohm balanced window line. (I bought this short piece at a hamfest and it was never long enough for portable use....only 30 feet.) Putting the dipole near the peak of the roof and running 35 foot elements across and down, I ended up with a dipole shaped like a Z.....sort of.

Now, I will finally get to test that 4:1 balun in my St. Louis tuner. Stomping over my mess in the shack, I managed to find my NorCal forty. I initially set up the tuner with my Autek RF-1. No problem. Connect up the rig to the tuner, good signals and lots of QRN. Transmit and low SWR everything working like a champ. Maybe I'll snag a fox this year. I was concerned that the aluminum roof vent that runs the peak of the roof may have an effect on my transmitted signal. I will just have to operate during the PA QSO party and see what happens.

Now, where is this thing really resonant without the tuner? Tuning around with the RF-1 should reveal the answer. You're never gonna believe this one.

It looks like my balanced 40 meter dipole is resonant at 10.125 Mhz!!!
What?!

Goes to show, you got to play to get something to work. Now I'll be ready for

TMPS too.

I ran another line to the outside. I am going to put up a 40 meter vee in the wooded vacant lot next to ours. Then I can compare indoor versus outdoor antennas. Yea, while up in the attic, I put a 2 meter ground plane.....just in case a QRP net starts up in Central Pennsylvania.

72,
Cameron CR Bailey, KT3A <><
ARCI Board member, QRP-L 7
QRP Society of Central Pennsylvania

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: w0ch@juno.com
Subject: [1691] Bass Pro Shop (SLV Poles)
Message-ID: <19961012.170112.4895.1.W0CH@juno.com>

Hello gang,

Thanks to Matt, AA2ZD, about the heads-up concerning Bass Pro Shop as another source for the Black Widow FOX (fishing to some folks) poles.

Well, today I stopped at the Bass Pro Shop in Springfield, MO. Yes, I know it's a tough job, but someone had to do it. It just comes as part of living in the Ozarks.

The good news is that I got the 20 foot pole just as Matt advertised in his post. The bad news is that it was the last one on the shelf. Sorry guys....

The clerk checked the computer and said that due to unprecedented high demand for that model, they have ordered 400 more! The word must be out for sure. No idea as to when the 400 will arrive however.

The next step is to download the SLV instructions and start construction.

72 and good FOX hunting.....

Dave W0CH
Seneca, MO

----- Begin forwarded message -----
From: Matthew Trail <mtt6@cornell.edu>
Subject: New source for Black widow rods (confirmed)

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "duane" <duane@flinet.com>
Subject: [1652] battery leak
Message-ID: <199610120439.AAA11793@shell.flinet.com>

A friend brought me a radio he had and said can you help ! it seems that he had put batteries in it some time ago and they had started leaking, painting the inside a nice green color. Well I made a pasty solution of water and baking soda and put it in the radio to neutralize the acid. I hope. does anyone know of a better way to remove the acid and stop the corrosion ?

Duane AB4BE
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Stanley Wilson <microres@crl.com>
Subject: [1663] BEACON is running
Message-ID: <Pine.SUN.3.91.961012034520.11962A-100000@crl11.crl.com>

40 meter test beacon is running. QSK cutting first 'dit' but otherwise sounding good.

Freq: 7021.150 hz plus or minus
Power: 250 milliwatt output
Location: St. Charles, MO. (20 miles NW of St Louis, MO)
Speed: about 12 wpm
Antenna: Vertical with large ground plane
Call: AK0B/B

de Stan AK0B

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: kd1jv@juno.com (STEVEN WEBER)
Subject: [1681] CB to 15 Mtrs?
Message-ID: <19960912.084149.5471.2.KD1JV@juno.com>

We all know that you can convert a CB to 10 mtrs fairly easily. Wonder if anyone has done a conversion for 15? The PLL will, of course, be useless, but padding the tuned circuits in the Rx and Tx down to 15 should not be hard to do. The bandwidth is pretty wide for CW work, but there is not

much crowding on 15, so that woun't be a big problem. So, I think will just need to add a BFO and a VFO to get it to work.

If anyone has done this (converted to 15 Mtrs) would like to know how it worked. I'm going to give it a try someday (hopefully sooner than later) will let you all know if it does work.

de KD1JV, Steve in NH

"keep melting solder"

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: d.nordquest@juno.com
Subject: [1700] Copper Top Again
Message-ID: <19961012.214332.4783.1.d.nordquest@juno.com>

Tried the 9-volt tester on my coffee cup. It was putting out over 1 watt!

If the tester is used as an indicator of heat (and, thus, indirectly of power), there's no need to use the 9-volt testers only. Testers for 1.5 volt batteries should work, too -- maybe better, if the material is painted on in the form of a ramp. Alas, don't have any handy now.

I am pretty sure, though, that my two-meter handheld gets plenty hot enough so that a battery tester taped to the case would get pinned.

Dave Nordquest KE9ED

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: d.nordquest@juno.com
Subject: [1697] Copper Top Wattmeter
Message-ID: <19961012.205334.4783.1.d.nordquest@juno.com>

I just ran a little experiment with the battery tester. Lit a match several inches under it and it lights up fine. For higher power use -- why anyone would want to do it, I'm not sure -- the tester could probably be placed on the surface of a 50 ohm resistor, perhaps kept in place with some transparent tubing. For QRP use, maybe it could be placed on the heatsink of the output transistor, if that were handy, or on the rig case, if the transistor were attached on the other side. Anyway, they really do not need any electrical connections!

Dave Nordquest KE9ED

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [1672] DATABOOKS FOR QRP
Message-ID: <19961012.091631.4439.2.n4so@juno.com>

Reference Books for Low-Power

The ARRL Handbook- 1996 \$38
& The ARRL Operating Manual -\$22
shipping and handling costs may apply-----

ARRL Publication Sales
225 Main St.
Newington, CT 06111
tel 860 594-0255

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RSGB Radio Communication Handbook-
6th edition
from the ARRL

+=====

Your QRP Operation
from the ARRL 1st ed. 1992 96 pages, \$6

=====

Solid State Design for the Radio Amateur-
by Doug Demaw and Wes Hayward from the ARRL
1986, 256 pages \$15 plus shipping and handling

The "Electronic Data Book for Homebrewers and QRPers" is available from:
5 Watt Press
740 Galena Street
Aurora, CO 80010-3922
Cost is \$23 postpaid.

=====

The back issues of QRPP are available as bound volumes. Vol. 1, is \$10, Volume 2 is \$15, and Volume 3 is \$15. Volume 1 is 140 pages and is the first 3 issues of QRPP that started in 1993. Volume 2 contains 296 pages, 4 issues from 1995, and Volume 3 has 276 pages, 4 issues from 1995. Shipping is \$3 for US orders, \$5 for Canadian, and \$10 for DX for the complete set of all 3 volumes. Shipping and handling for single volumes are \$3, \$5 DX. QRPP is the Journal of the NorCal QRP Club and contain hundreds of articles, all QRP related. Send orders to:

Doug Hendricks
KI6DS
862 Frank Ave.
Dos Palos, CA 93620

Make check or money order to Doug Hendricks, not NorCal. US funds only.
72, Doug, KI6DS

=====

Low Power Communications by Richard Arland, K7YHA Volume 1,2, 3

Published by:

Tiare Publications

PO Box 493

Lake Geneva, WI 53147

tel 800-470-0579

14.95 plus \$2 shipping and handling

Autographed copies from the author:

Richard Arland, K7HYA

PO Box 172

Shavertown, PA 18708

Vol. 1 was QRP Basics, Vol. 2 was Advanced QRP Operating, and Vol. 3 is
QRP

Hardware.

=====

QRP Power compiled by Zack Lau, KH1CP/1 and Joel Kleinman, N1BKE

/compilation of articles from QST/Handbook/

QEX.

from the ARRL 1st ed. 1996 208 pages, \$12 plus \$4 shipping and
handling.

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W1FB'S QRP Notebook - by Doug Demaw

from ARRL 2nd. ed. 1991 184 pages, \$10

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73 Amateur Radio Today Magazine

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Hicksville, NY 11801-2953
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sub. one year \$24.95

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QST Magazine
American Radio Relay League
225 Main St.
Newington, CT 06111-1494
Circulation desk: 860-594-0338 circulation@arrl.org
sub. one year \$31

Ken Brown
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "duane" <duane@flinet.com>
Subject: [1703] explorer II 30 meters
Message-ID: <199610130251.WAA10236@shell.flinet.com>

Ok folks I built my 30 meter explorer II , then built a dipole 1.3/1 swr.
Now the problem I am having is that the rig hears fine if the signal is 10
over 9 but lower level sig's can't be heard. I had a friend check with his
commerical rig the band was real busy while I heard very little activity.
the next thing is my vfo does not match my transmit freq close enough. I am
to low for the other receiving station to hear me. I know the cap that sets
the tone for the receiver seem to effect the ability of the receiver to
hear, if I adjust the cap (C-24) it opens the receiver up a little to allow
weaker sigs to be heard but not enough to hear what i should be hearing.

any replies welcomed

Duane AB4BE

<http://www.flinet.com/~duane>

duane@flinet.com

ab4be@amsat.org

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1657] FOX: Scores V2.0
Message-ID: <199610120607.GAA15998@chuck.dallas.sgi.com>

Foxhunt Current Standings Version 2.0 October 11, 1996

Note: Norman, K2NF set a new record for one night tally.
Congratulations Norm.

Note: That'll teach Doug to rile the boys in TX. As K5FO
predicted CA-3 TX-1. Shouldn't have done that. ;-)

Note: Jerry Parker can now remove the skunk for the web page. :-)

Note: Someone also follow along on the scoring and keep me honest.
I do get corrections via email from the foxes that you
sometimes don't see. Just watch your score and let me and
the fox know if we miss you.

Note: You can see in two weeks we have already generated 160 contacts.
How many would have not been made without this activity?
Once you work the first four you now have work to keep up the
record. :-) This is the most addictive thing next to kit
building we have.

Fox Scores

CALL	CONTACTS	STATE
AB50U	37	NM
AE9K	23	WI
K2NF	59	FL
W03B	29	MD

Novice and Tech+ Scores

KB0ROL	12	CO
--------	----	----

Totals 160

Note: X.5 means X regular foxes and .5 means one Novice(5 pts)
so that score is X+5. Only one Novice per non-Novice stn.

So when you see 3.5 that means 3 regular and 1 novice for total of 4 contacts, but 8 points total. Only one Novice allowed for the season for stations other than Novice/T+. More details when Novice/Tech schedule finalized.

Hunters Scores

Scores by call areas (not geographical)

W0CH/m(3.5) AA70A KI0G AA0XI(2) AA0XZ KB0VA(0.5) W00Q WB0CLD(2)
N00I WA0FGV NI0A K0EVZ
K1MG(3) AK1P(2) WA1QVM(2) W1HUE(2) N1RXT
AA2WJ(2) AA2PF N2G0 WZ2T
K3ETS N3SLR
AE4IC WB4ZKA KE4YH(2) W4STX
N5ET(3) AB50U KC5RAS(2) KK5R0(3.5) W5TFB(3) AB5UA(2.5) K5UP(3) WA5VQK(2)
K5ZTY(2) KK5MC/5 WA5WHN AC5II(2) N5JKY K5F0 WB5QMP(2) WB5QYT(4)
WA5VQY
N6WG(3.5) KQ6AG(2) W6BAB(3) AB6DG(2) KI6DS(3) KK6MC(3) WA6NAE(3) W6ABX
K06KA KI6SN N6ULU(2) KD6ZMJ WA6MOK(0.5) K6MG(0.5) K6VNX(2) N6XI
WA6HHQ
KK7BD(4) WA7FCU(3) KC7NEV(3.5) NQ7K(3) NQ7X(4) KU7Y(3.5)
KI7MN(2) AA7QY AA7WT(2) WW7Y N7MFB WB7DUO KG7PV W7JDZ
W8DN(3.5) W8CDU(1.5) N8DD(0.5)
AE9K(3) W9UQB N9DD(2) KB9IUA(2) K9DZE NN9K(2)

VE7CQK(2) VE3JC VE3SP
: Chuck Adams (K5F0 CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "duane" <duane@flinet.com>
Subject: [1659] ftp site
Message-ID: <199610120619.CAA04927@shell.flinet.com>

I tried to log onto the lehigh.edu ftp site but received password not found. So the question is what is the sign on procedure and the password used. I tried my name and my email address. can someone help here thanks
Duane AB4BE
<http://www.flinet.com/~duane>
duane@flinet.com
ab4be@amsat.org

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: dcscott@ix.netcom.com (Dale Scott)
Subject: [1685] FTP site wanted
Message-ID: <199610121921.MAA08567@dfw-ix4.ix.netcom.com>

Passed the General written this morning but failed the 13wpm. I figured as long as I've got to spend the next month working on my code I might as well study and take the Advanced written as well. The computer program I ftp'd for practicing written exams only covers Novice through General. I haven't been able to locate one that covers the Advanced question pool. Does anyone on the list know an ftp site that has a practice written exam generator that covers Advanced? If so, please respond to dcscott@vnet.ibm.com rather than the above address. Thanks.....72/73 de kc7khd/Dale

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [1680] MAIL ORDER COMPANIES
Message-ID: <19961012.110746.4439.3.n4so@juno.com>

-- is a large 45,000 bytes file from John Woods containing:

mail order companies
specialty companies
kits
QRP clubs

The file is here under the name -- parts.txt

Ken Brown
QTH Near Mobile, AL
QRP-L #622
n4so@juno.com

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [1678] More antenna obs
Message-ID: <1.5.4.32.19961012171006.00680fec@postoffice.worldnet.att.net>

Testing out the new delta loop this morning, I still couldn't really find a difference in signal strength between it (vertical) and my old one (mostly horizontal). This was by-ear comparisons (no S-meter here) of stateside contacts. Maybe the lack of difference is due to the fact that both are so

low to the ground (well under a 1/4 wavelength at 30 meters).

73,
mike KD0FX
Richland WA QRP-L #576 QRP ARCI #9270

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [1693] More copper top wattmeter info
Message-ID: <Pine.BSI.3.93.961012190027.16397A-100000@u1.abs.net>

A neat thing about QRP--or any area of ham radio, I suppose--is that a number of good ideas keep being independently discovered over and over again through the years. The "copper top dummy load wattmeter" is another one. WJ4P recently came up with this idea on qrp-l, then some folks said it also appeared in the July 96 issue of CQ magazine. I can go you even one better--it appeared in my Idea Exchange column in the QRP Quarterly in the July 1993 issue, and that time it came from James Johns, KA0IQT. Here's his idea as it appeared there, along with my commentary which followed it.

BTW, I've seen numerous other things reported on qrp-l which have already been published in the Idea Exchange some time back. It's interesting how people keep independently discovering the same things. It just shows that good ideas are timeless (and worth repeating over and over) and that great minds work alike :-)

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net

>From the Idea Exchange column, July 1993 QRP Quarterly

THE "COPPER-TOP" DUMMY LOAD/WATTMETER

>From James Johns, KA0IQT of Groton, MA--Here are some notes and thoughts about a "free" QRP dummy load and wattmeter that actually works. I had wondered about possible uses for the little battery testers that come with Duracell batteries for some time now. Last weekend I put the finishing touches on a new Oak Hills Research in-line wattmeter kit. When I installed the battery in the wattmeter, I noticed the little Duracell battery tester on the

package.

At that moment it struck me that 1 watt into 50 ohms is about 7 volts. The battery tester was designed to test 9 volt batteries. Nine volts into 50 ohms is about 1.6 watts. I then decided to check out the DC resistance of the battery tester. It measured 56 ohms on my Fluke model 77 DVM.

This was getting even better. Fifty six ohms should allow operation with any QRP transmitter, without frying the final, if the little gadget wasn't too reactive at RF. I connected my 40 meter QRP rig through a switchable attenuator to protect the transmitter if I fried the battery tester into an open circuit. The output of the attenuator connected to the input of the OHR QRP wattmeter. I then connected the battery tester to the output of the in-line wattmeter.

Starting with 6 dB of attenuation, I applied power to the rig and hit the key. No smoke. The wattmeter read 500 mW of forward power and the first section of the battery tester lit up. Switching out one of the 3 dB attenuator sections, the power meter read 1.0 watt and the entire display on the tester lit. The VSWR calculated out at 1.7:1, but much of that can be attributed to the flying leads on my test setup.

The Duracell battery tester appears to be a set of thick film resistors with liquid crystal temperature sensors mounted on the front. The 9 volt version has 4 resistive blocks and 3 display segments. I'm not sure what the rated power dissipation of the tester is, but I'd recommend that test periods be kept fairly short to avoid cooking the resistors. After about 30 minutes of testing, and allowing the device to return to room temperature, the DC resistance measured at 56.7 ohms, or about a 1% shift. This could have been due to changes in room temperature.

Now if one took one or two thousand of these devices and connected them in series/parallel you could fabricate a kilowatt dummy load & wattmeter and help to keep America green. (And Duracell very happy!) This type of QRP test equipment should prove useful to backpackers who want to determine if their rig is generating any RF but who don't want to carry a fragile and heavy QRP wattmeter.

I presented a slide show of this at a meeting of the MITRE Bedford Amateur Radio Club where I work. The QRPers thought it was a great idea, while the QRO crowd had a hard time getting excited about a 2" X 3/4" dummy load/wattmeter.

--DE KA0IQT

WA8MCQ COMMENTS ON THE COPPER-TOP LOAD

I played around with a couple of these and had a ball. The resolution isn't very good, with only 3 bars, but it's very small and light. Making a permanent connection can be tricky since the contacts don't take too kindly to soldering iron heat; these things were intended to be cheap and disposable. You could try clamping onto them with some washers and screws. The two I checked measured 62 and 65 ohms on my Fluke 77; not a perfect match to 50 ohms, but still useful. They have plus and minus marks printed on them, but you can ignore those; there is nothing polarized, just some resistors, and it works equally well either way. (My guess--the company probably found it easier to print polarity marks than to field a lot of phone calls asking which way to use it!) Give it a try--it's almost free (you had to buy the battery anyhow, so why not this brand?), as well as unique and a lot of fun.

--DE WA8MCQ

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: John Moriarity <k6qq@SOCAL.WANet.com>
Subject: [1689] Morse dashes, etc.
Message-ID: <199610122147.0AA22787@sd-dns-1.wanet.net>

Unless they've changed it since my 1995 ARRL Handbook was printed, dahdididididah is a dash. Dahdididididah is a "double dash", and I was taught (back in the dark ages) that it was used as a "break" in traffic, i.e. between messages or between thoughts. I have never used it (or heard it used) to mean "over to you". I must confess to often using it as a morse "no-op" to fill time while my feeble brain tries to think of something to say.

72/73,

John, K6QQ

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: Bob Patten <n4bp@shadow.net>
Subject: [1669] N4BP/VP9 October 16-20
Message-ID: <Pine.SOL.3.91.961012111428.18495A-100000@hyper>

In March of this year, I was fortunate to win the Bermuda Contest. Fortunate, since the first prize is an all expenses paid trip to Bermuda! As of now, the airline tickets and VP9 reciprocal license are in hand and I will depart Fort Lauderdale on Wednesday, October 16. I'll be bringing my Kenwood TS-430S and four band vertical along and hope to be on the air by Wednesday afternoon, Thursday morning at the latest.

On Wednesday through Friday, I'll be running 100 watts output and will operate at or near 7040, 14060, 21060, and 28060 Kc. for CW
14285, 21385, and 28385 Kc. for SSB.

No operation is contemplated for 40M SSB, 80M (either mode) or VHF.

The QRP A.R.C.I. Fall QSO Party takes place on October 19/20 and I plan to participate as N4BP/VP9 until I must leave for the airport around Sunday noon. During the QSO Party, I will run five watts output and operate at or near the CW QRP frequencies of 7040, 14060, 21060, and 28060 Kc. The party starts at 1200Z on Saturday. The rules are listed in the major ham publications such as QST and the QRP Quarterly. ANY CALLS ARE WELCOMED REGARDLESS OF POWER!

Bob Patten, N4BP

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "Denton Bramwell" <denton@cyber-west.com>
Subject: [1679] parts bank
Message-ID: <01BBB82E.E3531560@async1_routerb_layton.cyber-west.com>

Like a lot of you, I build and tinker a lot.... and the packrat portion =
of my
nature has led me to accumulate lots of stuff that is too good to toss, =
but
that I'll never use. I don't mind parting with it, but I'm up the =
"here" in=20
alligators with a full time job and a major outside commercial project, =
so I
REALLY don't want to take the time to catalog it and send it to people =
who do
want it..... and there really isn't much in the way of a hamfest here. =

The big one, WIMU, was a real flop from a flea market standpoint. So, hence, = the following question:

Is there some credible entity (club, individual, etc.) that DOES want to = adminster some kind of community junkbox? How that gets administered is probably entirely up to the volunteer... postage costs, keeping parts collectors within reasonable bounds, etc... If there is a volunteer = that wants to do that, and post some kind of catalog on the net, I'll = volunteer to "seed" the bank with a bunch of my surplus.

I understand that there can be problems with this kind of arrangement, = but if there is a group that CAN do it, it is probably this one.

Comments?

Denton
K7OWJ

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [1705] QRP Hall of Fame
Message-ID: <Pine.BSI.3.93.961012230923.19887A-100000@u1.abs.net>

Now that the October QRP Quarterly is on the streets I can post this to QRP-L. This is the call for nominating letters for the QRP Hall of Fame for 1997. For QRP ARCI members, this is a memory jogger in case you didn't notice it in the Quarterly. For nonmembers, this will let you know that such a thing exists. If nonmembers want to nominate someone for the honor, they must first become members, since we don't take nominations from the "QRP general public". I don't want this to be a subtle hint for people to join the QRP ARCI just so they can nominate someone for the QRP Hall of Fame, though--you can always find someone who is a member and talk them into doing it for you :-)

BTW, a nomination really should be a few paragraphs long, telling us why the person is deserving of the honor. Just saying "I nominate Joe Blow for the QRP Hall of Fame because he deserves it" does a disservice to the person and will severely hamper their chances of being inducted. If you think they are deserving, convince us!

Nominations by e-mail are fine, but don't forget that you MUST get a confirmation back from me! Do NOT put blind faith in the e-mail system, since it can, and will, and frequently does, chew up mail and toss it in the trash and never send a "bounce" message back to the originator. I've been on both ends of that FAR too many times! I'd hate to see someone not have their nomination put before the voters because I never got it.

73 and Queue Our Pea DE WA8MCQ

NOTES FROM THE VEEP for Oct 1996 issue, from WA8MCQ

[subtitle] QRP HALL OF FAME FOR 1997

This is the call for nominations for the QRP Hall of Fame for 1997. If you feel someone has had a significant impact on the QRP community through outstanding accomplishments (technical, operating, organizational, etc), here's your chance to nominate them for this honor. The ground rules are the same as last year: You have until the end of January to get your writeups to me, via mail or e-mail. I'll send them on to the voters, we'll have a few weeks of discussion on them, do the voting and announce the inductees (if any) at some QRP function at Dayton.

The Board of Directors, which does the voting, agreed at Dayton this year to expand the voting body by adding the President and Vice President. Another change--current QRP Hall of Fame members will be offered the opportunity to vote if they desire.

Nominating letters will be accepted from QRP ARCI members only, although current Hall of Famers can also nominate worthy individuals. Some people reading this may be non-members; if so, there's plenty of time to join up so you'll be eligible if you want to make a nomination!

You must do more than simply toss out a name. We need to have a few paragraphs giving some details of the accomplishments, telling us why the person is worth of the honor. Don't count on all the voters knowing everything about your favorite QRP Hero; you think they are worthy of the honor and it's your duty to convince us.

The July issue announced the 1996 inductees and gave brief biographies. Those will give you an idea of what we're looking for in a nominating letter. And be sure to include your QRP ARCI member number so we can verify that you are eligible to submit it. Send all

nominating letters to me; my addresses can be found at the top of the Idea Exchange column and elsewhere in this issue. All inputs will be acknowledged. If you don't hear back from me within a week or two, please assume that I never received it and let me know. I'd hate to see someone lose out on the chance to be in the QRP HoF because a letter got lost.

The following hams, listed alphabetically, are already in the QRP Hall of Fame:

Brice Anderson W9PNE
George Burt GM30XX
Tom Davis K8IF
Doug DeMaw W1FB
Rev. George Dobbs G3RJV
Wes Hayward W7ZOI
Roy Lewallen W7EL
Rick Littlefield K1BQT
Randy Rand AA2U
C. F. Rockey W9SCH
Adrian Weiss W0RSP

Remember, if there is someone you feel is deserving of being in the QRP HoF, you have until the end of January to submit a nominating letter to WA8MCQ.

--qrp--

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Ron Giuntini <rong@slip.net>
Subject: [1704] QRP TV?
Message-ID: <E0vCGv3-0005xg-00@ferret.slip.net>

Commercial "auxiliary broadcast stations" (read remote trucks) send in the TV signal using a 2 GHz transmitter..we also have 13 GHz relay equip (short hops). The power used is 10 watts. Kind of low power.....

Ron KB6GK
NorCal #1718
San Francisco

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [1694] QRP-HB list
Message-ID: <19961011.200636.16127.0.WB8YGG@juno.com>

Ok folks.

Believe it or not, 90 % of the respondents to my posting are in favor of a separate list, for various reasons.

Also suprising to me there are lost of people out there that want to talk about what they are doing , and are frustrated when they get no resoponse when posting. Probably not because people are not out there, but most likely because the post is burried in amongst others. Kinda like looking for a needle in the proverbial haystack.

I personally do not have the resources or the knowledge to create/maintained a list, but

Any volunteers?

I would be willing to write the list charter.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: wb8ygg@juno.com (Bradley S. Mitchell)
Subject: [1701] QRP-HB list (again)
Message-ID: <19961011.220422.3039.0.WB8YGG@juno.com>

Let me try this again.. I didn't like the way it came out the first time..

Ok folks.

Believe it or not, 90 % of the respondents to my posting are in favor of a separate list, for various reasons.

(mostly that they are interested in talking about Homebrewing)

Also surprising to me there are lots of people out there that want to talk about what they are home brewing , and are frustrated when they get no response when posting.

Probably not because people are not out there, but most likely because the post is buried in amongst others. Kinda like looking for a needle in the proverbial haystack.

I personally do not have the resources or the knowledge to create/maintained a list, but

Any volunteers?

I would be willing to write the list charter.

73 Brad WB8YGG

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: rxd7@rabbit.INS.CWRU.Edu
Subject: [1671] QRPP Where is ?
Message-ID: <199610121522.LAA19677@celeste.INS.CWRU.Edu>

Hi Gang,

Correct me if I am wrong, but should'nt QRPP be coming ? I have not received my journal, however I have not been a subscriber long enough to establish delivery guidelines.

So would someone give me some time frame for delivery so I feel I have not been forgotten ?

72, Dick Dell, WD8ISB

Richard A. Dell, WD8ISB
ARCI-Colorado QRP-NORCAL
Fists-ARCI-VE-PSA-NRA

Case Western Reserve University
Manager, Environmental Affairs

"When you eliminate the impossible, what ever remains, no matter how improbable, must be the truth."

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [1651] QSLs on the computer
Message-ID: <1.5.4.32.19961012043711.0067e44c@postoffice.worldnet.att.net>

I'm using CorelDraw 4 to create my QSL cards. Does anyone know where/how to put a "degree" symbol on a page (as in 46 <degree symbol here> 5' 15")?

73,
mike KD0FX
Richland WA QRP-L #576 QRP ARCI #9270

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: stevebar@ix.netcom.com (Stephen A. Baranowski)
Subject: [1699] Radio Shack DSP catalog number ???
Message-ID: <199610130132.SAA19552@dfw-ix1.ix.netcom.com>

Hi Guys -

If you know the model / catalog number on the Radio Shack DSP unit - the discontinued one - please let me know - -

Thanks and
72 de Steve / AA1BK

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: k5rov@juno.com (JAMES PARSONS)
Subject: [1706] Radio Shack DSP Filter
Message-ID: <19961012.224439.4655.3.k5rov@juno.com>

Hi, Gang...

I see a lot of questions concerning the Radio Shack DSP filter, which has been discontinued, but can still be found. I have one that I have used with a number of pieces of equipment, even the HW-8, and it does a fine job. I have also owned the Timewave DSP-9+ and the MFJ-784, and the little RS unit will sure hold its own, considering its price.

Anyway, I have a Service Manual for the filter, and thought I would pass along the specifications for those interested....

FREQUENCY RESPONSE:

DSP Out Mode: 300 to 3000 Hz

NR MODE:

Wide Position Bandwidth: 200 to 2950 Hz

Med Position Bandwidth: 200 to 2500 Hz

Narrow Position Bandwidth: 200 to 2000 Hz

CW MODE:

Wide Position Bandwidth: 269 to 1231 Hz

Med Position Bandwidth: 469 to 1031 Hz

Narrow Position Bandwidth: 597 to 903 Hz

SSB MODE:

Wide Position Bandwidth: 300 to 3000 Hz

Med Position Babdwidth: 500 to 2600 Hz

Narrow Position Bandwidth: 800-2000 Hz

Total Harmonic Distortion: 1.0% (typical)

Signal to Noise Ratio: 55 db (typical)

Audio Input Level: 3.0 Volt Peak-to-Peak (max)

DC 12V Input: 11-15 VDC, 1.0A (max)

EXT SP (External Speaker Output): 8 Ohms, 8 Watts

Audio Output Power (to EXT SP): 6.0 Watts (Typical, 10% THD)

Heterodyne Rejection (SSB/NR Mode): 40 DB (Max)

Noise reduction (NR Mode): 20 db (typical)

Dimensions: 1 15/16 X 4 9/16 x 7 1/16 Inches

Weight: 1 lb, 4 ounces

I hope this will help someone. If more info is needed, let me know. If its in the manual, I will sure help you get it.

73

Jim, K5R0V

San Angelo, TX

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: Dave.Ackrill@Westwood45.powergen.co.uk

Subject: [1662] Shack Photos

Message-ID: <961012093724Z*/G=Dave/S=Ackrill/O=Westwood45/PRMD=POWERGEN/ADMD=CWMAIL/C=GB/@MHS>

Thanks to Frank (G3YCC) for the security warning about publishing

pictures of the shack,

However, two things come to mind:-

1. By the time my picture gets published the rig (I hope) will be sold
2. Most amateurs, even if they are not in the callbook, have dead give-aways outside. Even a G5RV or end fed should tell the criminal fraternity who might be interested in lifting gear what they need to know!

Best advice, I guess, to have proper security and adequate insurance.

I've taken my photo, the uncompleted 40-9er is there, and the main rig is too. However, it's not connected to anything and the paddle keys have been stored at the side of it (the rig is for sale, but not the keys). So I'm going for the "least operationally effective" category, as there are no antennas connected at all!

I might have a bit of room to finish and use the QRP rigs when I've sold the Kenwood HI!

Cheers de Dave (G0DJJA)

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: BParkes@aol.com
Subject: [1692] SL Vert pole
Message-ID: <961012185156_1279439652@emout20.mail.aol.com>

Howdy, What a fine group of folks you all are. I had tried to get a pole from Cabela's and had sent a posting about the nice person telling me that they didn't have them anymore. A number of you sent postings back how they still had them in stock. So today tried again. Another very nice person was on the phone, and armed with the latest Cat numbers I was able to convince her that they did indeed have some in stock, and at 20 feet! Of course in my excitement I forgot that maybe the extra 6 feet compared to my current 14 ft pole would also help my fishing and I didn't order two. Oh well, maybe there will be some left in the future. Will be here before Friday.

73 Bruce KA2ZGW

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Steve Bornstein <sabornst@freenet.columbus.oh.us>

Subject: [1698] SLV Question

Message-ID: <Pine.3.07.9610122001.A16562-91000000@login>

Hello Gang,

I saw a posting by WT6P concerning the length of wire to be used for the coil of the SLV. He starts with "no more than 35 feet or so". I'd like to hear comments from those who have built and used the antenna. Should I go with the original specs or the shortened version?

73 Steve K8IDN QRP-L #331

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996

From: Roger Traylor <traylor@ECE.ORST.EDU>

Subject: [1688] SPRAT change of address?

Message-ID: <199610122116.AA050134981@holmes.ece.orst.edu>

Guys,

Who do we inform for change of address
notification for SPRAT? Does this person

have a e-mail address?

Thanks,

Roger Traylor
WB4TPW

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [1675] SST progress report
Message-ID: <199610121642.JAA21547@mh1.well.com>

For those who are interested in the SST project:

The initial SST transceiver design is finished and is working on 40 meters. My next step is to home-make a single-sided PC board and see if it plays. Things change a lot when you go from proto-board to PCB ;). If the 40m PC board version works, I'll re-wire it for 80, then 30. 20 is more tenuous but I think it can be made to work up there, too. Given the recent EMP-hasis on 80 meters ;) I may recommend to Doug that the SST be supplied in 80 and 40-meter versions from the beginning.

Final parts count is around 70--as I mentioned, about half that of a NorCal 40A. Final toroid count is 3, all the same core type (T37-2), and *no* transformers. The new QSK circuit is really fast, and the TX monitoring sounds good. AGC range appears to be >70dB (not bad for a total of two components) but I have to do some more testing. The crystal filter (only 2 crystals) shows about 40dB down on the opposite sideband--adequate for a simple superhet. 6dB bandwidth is around 300Hz.

I'm using a new, simplified transmit buffer/driver circuit that seems to be working very well. Transmit power out is 2 watts at 14V, so at 9V I'd expect about 1 watt. That's my target for the SST because I'm planning to use a 9V lithium battery (as with the 40-9er).

I've had two offers from mechanical engineering types to work on a trail-friendly version of the rig, so I'm sure we'll see a special ground-mount bracket for the SST by early next year. The rig is so small that the the TFR (trail-friendly radio) hardware won't weigh much. The volunteers are Bill Jones, KD7S, and Mike Herr, WA6ARA.

More later!

73,
Wayne
N6KR

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Craig LaBarge <74740.3166@CompuServe.COM>
Subject: [1666] St. Louis Vertical Coil
Message-ID: <961012133522_74740.3166_EHB103-1@CompuServe.COM>

Howdy:

I've been looking at the St. Louis Vertical information and it looks like something I just *have* to build. One question though: What advantage, electrical or otherwise, is there in winding the coil with twinlead vs a single conductor? Bandwidth, perhaps?

73, Craig WB3GCK

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [1690] TEFLON WIRE 2
Message-ID: <Pine.GS0.3.93.961012170908.23862A-100000@orichalc.acsu.buffalo.edu>

Well the response tells me that people want wire (wow)!
Many people expressed an interest in an assortment of colors (go figure :-))
The spools themselves (without wire) weigh about a half pound :-(

The teflon silver plated wire MIL-W-16878D hook up wire as listed in a Newark catalog from several years ago lists the wire for between \$112-157 per 1000ft roll.

When I posted asking the value of the wire:
AB7ST sent an email price of \$90/1000ft roll from Surplus Sales as of last year, when he bought 1000 feet of teflon wire.

I would like to get rid/sell the wire by 1000 ft lots minimum.

To accomodate the members of the list I can offer an assortment of 10- 100 foot rolls of 22 and 24 gauge wire in different colors (1000foot total) for \$20 plus ups for 5 lbs shipping from zip code 14227.
(BTW ups has a website)
If you buy 5000 feet for \$100 I'll cover the UPS in the US.(one address)

This wire is rated at 600v with a temperature range of -65C to +200C and wont melt when you solder it.(assuming non-nuclear methods :-)

)Please post a request to my email address before sending a check
So the kids in the neighborhood can start working on the orders.

If someone wants 1000feet of one color and in one continuous piece; please tell me. I can't guarantee specific colors.

73,

If you ever thought that you could sure use some wire; this is the opportunity to stock up.

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [1682] telfon wire
Message-ID: <Pine.GS0.3.93.961012131936.24440A-1000000@autarch.acsu.buffalo.edu>

Hello,

I don't know how many builders there are here. If you have ever soldered wire and had it "melt off the insulation"; this post may be of interest. I have a large supply of hookup wire Mil-spec
MIL-W-16878/4 600v rated at 200c (temp)

the spool I am getting this information from is E22-7/30
that means 22 gauge (7strand 30 gauge per strand)
I also have some that has many more strand at the same and smaller combined gauges. ie E22-19/34.

I use it for point to point wiring,radials for my ground system you name it. it is very nice to work with. I have spools with anywhere from 500ft to 3000 ft on them.

If someone could estimate the amount of wire based on the gauge,wt of the spools that would be helpful. The spool I have in front of me weighs about 3-3/4 pounds and is the E22-7/30 I guess it has about 600-700ft left on the spool?

If anyone is interested drop me a note. Like I said I have a rather large

supply.(2 pallets) and it is in the way.
Tell me what you need and what you think its worth.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
jskalski@acsu.Buffalo.EDU

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: blair thompson <blairt@planeteeer.com>
Subject: [1656] The Flying Horse
Message-ID: <325F31CC.4D33@planeteeer.com>

Not strictly QRP (and only my 2nd posting to the list too), but I want to report a change of address to the Callbook, and I found an EMail address in the latest CQ. Actually it was an advert. for the new edition of the Callbooks forthcoming, and I thought that perhaps they might pass my notice along to the right department. However, my Netscape mail program bounced right back with "address unknown". I have never seen an EMail address formatted like this: 103424.2142. no dot-coms. or dot-orgs. etc. Any clues? Thanks, and as you good folks say, sorry for the bandwith.

Regards
Blair Thompson VE7HHH.

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: rhigh@primenet.com (Roger Hightower)
Subject: [1684] Vanity Call Sign Gate 2 - FCC Processing
Message-ID: <199610121840.LAA08887@primenet.com>

Forwarded for information.

72/73 de Roger AA7QY

>Date: Sat, 12 Oct 1996 11:43:00 -0400
>From: "Jahnke, Bart, KB9NM" <bjahnke@arrl.org>
>Subject: Vanity Call Sign Gate 2 - FCC Processing
>To: "'arrl-ve-list'" <arrl-ve-list@majordomo.netcom.com>
>Sender: owner-arrl-ve-list@majordomo.netcom.com

>Errors-To: owner-arrrl-ve-list@majordomo.netcom.com
>Precedence: bulk
>Reply-To: "Jahnke, Bart, KB9NM" <bjahnke@arrrl.org>
>X-misc: To unsubscribe, send a message to listserv@majordomo.netcom.com
>X-misc: with the body "unsubscribe arrl-ve-list"
>X-UIDL: 9b2878faae74328d28c4f2737e69574b

>

>

>Vanity Call Sign Gate 2 - FCC Processing Update

>

>As of Friday, October 11, 1996, a spokesman for FCC Gettysburg indicates
>that they have now entered 2,500 of the 4,188 paper Form 610V
>applications filed for day one (Sept. 23rd) of Vanity Call Sign Gate 2.

>

>FCC estimates that within the next two to three weeks the keyboarding of
>all paper applications should be completed.

>

>Follows are the FCC's Vanity application receipt counts from September
>23, 1996 through October 4, 1996:

>

>Date Paper Electronic

>

>9-23	4188	339
>9-24	328	29
>9-25	395	18
>9-26	117	12
>9-27	96	19
>9-30	94	34
>10-01	38	8
>10-02	72	12
>10-03	50	15
>10-04	64	11

>

>Total 5442 and 497

>

>While these receipts can also include Gate 1 and 1A applications (once a
>gate opens, it remains open indefinitely), the bulk of these are Gate 2
>applications.

>

>73,

>

>Bart J. Jahnke, KB9NM

>Manager

>ARRL/VEC

>

>bjahnke@arrrl.org

>

>

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: jdenison@aisp.net (JOEL DENISON)
Subject: [1707] VERTICAL DIPOLE
Message-ID: <19961013035317608.AAA96@slip19.ts-f-merrill.caps.maine.edu>

hELLO all bodies:

I need some feedback on an upcooming or expected upcoming antnna project.

I am thinking of getting an inexpensive (if that exists) multi band vertical and set it on top of a 33ft pole and feed the thing with coax.

The pole will be conductive and isolated from ground so it will be the other half of the vertical (now a vertical dipole on forty.)

For the other bands I plan to drop some quarter wave lengths of wire cut for each band and spaced about 6 inches from the pole with some kind of non conducting material.

should be a vertical dipole on 40 -10 with the center at 33ft. I plan to guy the pole with rope. Anybodies tried this before? How did it work?

I'm in farmington Maine, a bit north west of Augusta, and want to do some forty meter dx this winter so I need to set up before the ground freezes.

I don't have much room and the trees are about 40 ft tall along the back yard.

Any ideas?

God bless

bye now

joel

WA5CVM

Joel Denison

Qrp ARCI #4066 NE-QRP #476 QRP-L #765

81 High street

Farmington, Maine 04938

QRP PLUS 5w SSB & CW

jdenison@aisp.net

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: n4so@juno.com (CHARLES K BROWN)
Subject: [1649] VIBROPLEX ADDRESS
Message-ID: <19961011.214248.4439.1.n4so@juno.com>

S. Felton Mitchell:

VIBROPLEX CO. INC.
11 Midtown Park, E.
Mobile, AL 36606
334-476-4100 work
334-342-7259 home
334-476-0465 FAX
CPA, attorney, and owner of The Vibroplex Co., Inc.
Internet address: fmitch@maf.mobile.al.us

the corrected address is:

fmitch@maf.mobile.al.us

N4SO

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [1664] Re: 10 Meter Milliwatting and Groundwave
Message-ID: <Pine.SOL.3.94.961012072615.14969G-100000@utkux4.utcc.utk.edu>

The report on the 10-meter milliwatt beacon was most informative. However, need to suggest one adjustment--the concept of "groundwave." Technically, a ground wave is a wave, ordinarily vertically polarized, travelling along the ground and marked by a sloping wavefront due to the so-called friction of the earth's surface compared to the passage of the wave through the atmosphere. This concept is very important in low frequency work, where--with enough power--one can span the world on a ground wave--the navy does it regularly for submarine communications.

As you get into HF, the propagation of ground waves at amateur powers diminishes rapidly so that by 10-meters, figures around 10-miles are commonly cited as maximum usable ground-wave distances.

However, at 10-meters, most of what we loosely call ground wave communications is point-to-point communications, as is commonly thought to comprise most of VHF communications. One tell-tale factor: the -3 dB reduction in signal strength for cross-polarized communications. (Of course, skip scrambles polarization, taking out at least most of that factor.)

None of this affects the accomplishment of setting up and testing a 10-meter beacon in the milliwatt range--which ought to be very useful as the band recovers from its weeks of zero spots. (It will recover, won't

it?)

-73-

LB, W4RNL

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1687] RE: 75 ohm feed line
Message-ID: <19961012.162613.4727.0.wb2vuo@juno.com>

----- Begin forwarded message -----
From: "Jeffrey M. Poulin" <jpoulin@erols.com>
Subject: 75 ohm feed line
From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: "Paul R. Valko" <prvalko@oakland.edu>
Subject: [1658] Re: CW question
Message-ID: <Pine.OSF.3.91.961012020258.20818B-100000@vela.acs.oakland.edu>

On Fri, 11 Oct 1996, Steve Hideg wrote:

> How would I send "http://qrp.cc.nd.edu/qrp-l/"?

Much like the frequently asked @ sign, this also begs the question that if *WE* don't know how to send one of these bizzaro-land characters, what are the chances the other poor SOB is going to know what we are sending.

Here's a hint... none

I'd try to say it in plain english (Politically correct or not ;-)

h t t p colon backslash backslash q r p . c c . n d . e d u backslash q
r p minusign l backslash

> I suppose I could leave off the "http://"

I agree Steve! I think the http:// can now be considered a "given."

There is another way... tell them to go to YAHOO or altavisa and search for qrp.

73! =paul= wb8zjl <--- watch this space

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: AE0Q / V31RY <v31ry@ix.netcom.com>
Subject: [1660] Re: CW question
Message-ID: <2.2.16.19961012012917.2a4f1b38@popd.ix.netcom.com>

>> Actually, BT (dash) is dah-di-di-di-dah.
>>
>> - Rich
>
>Page 19-2 of the 1988 callbook show:
>
>Hypen or dash [-] as dah-di-di-di-di-dah or DÜ.
>
>The well known BÜ is used as a "break", over, as in "back to you".
>
>cul,
>
>73, Ron,
>
>.....KU7Y

My copy of 'Learning The Radiotelegraph Code' (1963) shows that the BÜ is called a Double-Dash (=). All the CW keyboard programs I've tried send dah-di-di-di-dah when you hit the equal key on the keyboard, too.

The 1990 ARRL Handbook, page 19-2, shows the same..

According to the ARRL Operating Manual and the 1996 Handbook, BK is the usual abbreviation for 'break' (back to you); 'Learning The Radiotelegraph Code' lists it, too. Most everyone I've worked uses it that way.. That one goes waaay back..

73 -- Glenn

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: emaaro@pacbell.net
Subject: [1674] Re: CW question
Message-ID: <325FB248.245C@pacbell.net>

Steve Hideg wrote:

>
> Has anyone come up with a way to send a URL in morse code?

>
> How would I send "http://qrp.cc.nd.edu/qrp-1/"?
>
> I suppose I could leave off the "http://", but how would I send the
> periods, with a di-dah-di-dah-di-dah? How about the dash in "qrp-1"?
>
> Thanks.
>
> --Steve

Steve:

It is easy to send a URL if you use seldom heard special characters:

Dash - (DU) -.....-
Dot . (AAA) .-.-.-
Slash / (DN) -...-
Colon : (OS) ---...
Underline (IQ) ..---.-
@ (A T) .- - (not W)

People seldom learn/use these characters.

72s, emaaro

From owner-qrp-1@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [1655] Re: Fox Hunt
Message-ID: <199610120515.FAA15546@chuck.dallas.sgi.com>

Rich et.al.,

Yep it is easy to get excited. Congrats on the third contact ever.
A lot of still get excited about each contact. You'll know you got it
bad if 10 years from now and a bunch of full ARRL logbooks (do keep a
log) you still feel the same way. Don't quit as it is a challenge.

Also congrats on starting out at QRP levels. It isn't easy but it is
worth the effort and overcoming all the challenges makes you a better
operator.

1. There is no Novice/Tech schedule at this time. We are working on it.
2. You don't have to post about working the fox. He will post later
and you can see your call become a permanent fixture on the internet
with the results.

Another thing related to this. Often the question comes up about making

QRP-L a newsgroup. The most important thing is of course the S/N level and the second is that we keep an archives. Newsgroups do not have a permanent archive unless someone choses to do it and then there is so much traffic (you think qrp-l is a lot? check out some of the others) that it would take a disk farm to store 'em. This group has all the postings from day one at ftp.lehigh.edu.

dit dit

: Chuck Adams (K5FO CP-60) 49/49/50 adams@sgi.com
: EMPS QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Jim Eshleman <lujce@hooch.CC.Lehigh.EDU>
Subject: [1670] Re: ftp site
Message-ID: <96Oct12.111852-0400edt.65735-18193+349@hooch.CC.Lehigh.EDU>

> I tried to log onto the lehigh.edu ftp site but received password not
> found. So the question is what is the sign on procedure and the password
> used. I tried my name and my email address. can someone help here thanks

Duane,

This is an anonymous ftp server, so use the user name anonymous or ftp and your e-mail address as the password. Also make sure you are connecting to ftp.lehigh.edu, not lehigh.edu. Almost all the ASCII text files are compressed. If you don't have software on your local machine to uncompress you'll need to omit the ".Z" suffix when you GET the file and the ftp server will uncompress it for you.

73

Jim N3VXI N3VXI@Lehigh.EDU
Tech+ 40M QS0s=1 STATES(w/c)=1/0 DX=0

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: wb2vuo@juno.com (William K Hibbert)
Subject: [1695] RE: More copper top wattmeter info
Message-ID: <19961012.201307.4719.0.wb2vuo@juno.com>

>WA8MCQ COMMENTS ON THE COPPER-TOP LOAD

>I played around with a couple of these and had a ball. The
>resolution isn't very good, with only 3 bars, but it's very small and
l>ight. Making a permanent connection can be tricky since the contacts

>don't take too kindly to soldering iron heat; these things were
^^
>intended to be cheap and disposable.
-----snip-----
>--DE WA8MCQ
=====

One of the things that really frosts me about Radio Shack is their policy of discontinuing ANYTHING that might be usefull, just when you need it.

A couple of year back, they had a line of PCB repair compunds, including a conductive-ink pen, and condutive Glue. It's not in the 1997 catalog, nor is there any back stock in the stores around here.

This gunk would be the cat's meow for the Copper-Top Wattmeter, as you could glue some leads onto the end pads, and then connect to the cable/connector of your choice.

Seeing that everything the the Shack drops exsists somewhere else, has anyone seen this conductive glue out there, say in the GC product line, or some other OEM line in a service shop??

72/73, Keith, WB2VUO, QRP-L #582
Trustee, KB2YTW/B 10 Mtr Milliwatting Beacon (250 mW @ 28.2870 MHz)
"In the Depths of the Great Bergen Swamp...FN13ac"

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Bob Hightower <ki7mn@dancris.com>
Subject: [1653] Re: QRP Black Pages
Message-ID: <199610120438.VAA18370@dancris.com>

There was a note posted about black pages in the September QRPP. The note referred to pages 36 and 49 being on the same side of a sheet, and being black. These pages are not on the same sheet in my copy, so if someone can forward the correct pages, or a list of the pages that are needed, I will scan them in and post them on my web page, from where they can be downloaded.
73,
Bob, KI7MN QRP-L #271, NorCal #1228, CQC #274, QRP ARCI #8918, not in any order of importance.

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [1677] Re: QSLs on the computer

Message-ID: <1.5.4.32.19961012171003.006819f4@postoffice.worldnet.att.net>

OK, figured out 2 ways to get "degree" symbols for my QSL cards:

1. Use a superscript lower case "o"
2. Use ALT 248
3. Use the font mini-apps in Windows to determine which character/font set has the degree symbol, and then select it from within the app as you would any other font.

I went the superscript way because the symbol is a little bigger and easier to see. I had looked at a couple of font sets, but didn't see the degree symbol anywhere. As it turns out, it's actually an ASCII character (see #2).

Thanks for the bandwidth, since this wasn't truly QRP related.

73,
mike KD0FX
Richland WA QRP-L #576 QRP ARCI #9270

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Greg Newberry <newberry@cyberhighway.net>
Subject: [1702] Re: Radio Shack DSP catalog number ???
Message-ID: <32606BA4.4371@cyberhighway.net>

Stephen A. Baranowski wrote:

>
> Hi Guys -
>
> If you know the model / catalog number on the Radio Shack DSP unit -
> the discontinued one - please let me know - -
>
> Thanks and
> 72 de Steve / AA1BK
Steve,

The catalog number is: 21-543 - DSP-40
Last week it was on close out for \$27 bucks.

Greg

--

Greg Newberry - WB7DUO QRP-L #760
newberry@cyberhighway.net
newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: JessQRP@aol.com
Subject: [1667] Re: St. Louis Vertical Coil and other things...
Message-ID: <961012102837_124929055@emout02.mail.aol.com>

Hi all,

First thanks to the Norcal guys for the pictures and info that was put on the Norcal Web page about the St. Louis Vertical.

I was wondering about the twin lead myself. What if you wound the coil out of speaker wire, say 20 gage, and also made the radiator and the ground plane wires out of speaker wire? I was thinking that with the extra room for winding the coil if you used a wire that would take up less space if the antenna would then possibly work on 80 meters? I realize that the radials would have to be longer, or maybe you could attach 203 for 80 meters and then make the rest like described. The inventiveness of this group and the QRP community never ceases to amaze me. Has anyone ever thought about the guys that sit around and dream this stuff up. It's not like I get up in the morning and think about designing a new keyer, or dreaming up a new rig, plus all of the stuff is affordable by the average guy.

I was talking with Dick at OHR about some of the ideas that he had for new stuff (NO! I will NOT let the cat out of the bag, but just wait and see!) and it amazes me the stuff you guys dream up. Just wanted to say thanks to all for keeping this QRP slice of ham heaven alive and interesting.

Best to all,
Jess NOTFI

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Greg Newberry <newberry@cyberhighway.net>
Subject: [1668] Re: The Flying Horse
Message-ID: <325FD23E.C20@cyberhighway.net>

blair thompson wrote:

>

> Not strictly QRP (and only my 2nd posting to the list too), but

> I want to report a change of address to the Callbook, and I found an
> EMail address in the latest CQ. Actually it was an advert. for the new
> edition of the Callbooks forthcoming, and I thought that perhaps they
> might pass my notice along to the right department. However, my Netscape
> mail program bounced right back with "address unknown". I have never
> seen an EMail address formatted like this: 103424.2142. no dot-coms. or
> dot-orgs. etc. Any clues? Thanks, and as you good folks say, sorry for
> the bandwidth.
> Regards
> Blair Thompson VE7HHH.
Blair,

This looks like a compuserve address 103424.2142@compuserve.com.

Normally, if the prefix of the address (left side of period) contains 6
numbers, it's foreign. If it was an ip address it would have to be
103.42.42.142. I'd guess the compuserve address.

Greg

--

Greg Newberry -
newberry@cyberhighway.net
WB7DUO QRP-L #760
newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Greg Newberry <newberry@cyberhighway.net>
Subject: [1673] Re: Tuning a vertical
Message-ID: <325FD5CC.6EAA@cyberhighway.net>

> Subject: Re: Tuning a vertical
> Date: Sat, 12 Oct 1996 10:08:06 -0700
> From: Greg Newberry <newberry@cyberhighway.net>
> To: kb0rol@juno.com
> CC: lqrp-l@lehigh.edu
> References: <19961011.203434.7615.4.kb0rol@juno.com>
>
> Bradley L Mugleston wrote:
> >
> > I have an old hy-gain vertical (Model 18 AVT/WB-A 80, 40, 20, 15 and
> > 10M) and I can't seem to get it tuned. Acutally its a pain putting it up
> > and taking it down for adjustments.
> >
> > Can I tune it supported between two plastic chairs using my Autek RF-1 or
> > does it need to be vertical and isolated from everything.

> >
> > Do the radials need to be attached?
> >
> > How far away should I be so I don't interfere with its tuning?
> >
> > Should I get the whole thing shinny or can I get by with just the
> > connections.
> >
> > And when is the next Novice Fox going to be on the air?
> >
> > Thank you all. This is a great group, even those of you that can't stand
> > my punctuation or spelling 8-)
> >
> > Brad Mugleston - KBØROL
> > Colorado QRP Club # 170, QRP-L #316, ARRL
> > QTH - Aurora, CO - DM79oq
> > KBØROL@JUNO.COM
> > BMUG@GWL.COM
> Brad,
>
> I've had one of those for about 16 years and it still works. First
> thing, clean all the overlapping joints. Use a nylon scrubber as steel
> wool will leave little steel hairs that will rust in the joint.
> Sandpaper may work fine, just clean it out good. Coat the joints with an
> anti-oxidant for aluminum wire and re-assemble.
>
> Tuning:
> Location really does affect the antenna tuning as well as the ground.
> I've found that the measurements given in the instructions are real
> close, but you have to start at the bottom, Ten meters and work up the
> antenna. 10, 15, 20, 40, and 80 which is the whip on top. The whip is a
> bugger to do. And when tuned you only get about 50khz bandwidth on 80.
>
> Depending on it's age, make sure there are no broken coil insulators and
> that the drain holes at the bottoms of the coils are clear.
>
> If you have a bunch of crud on the antenna, it doesn't hurt to clean it
> up, but under normal conditions, the corrosion and pitting on the
> outside will not have a signifigant effect on the operation of the
> antenna.
>
> Greg
>
> --
> Greg Newberry -
> newberry@cyberhighway.net
> WB7DUO QRP-L #760
> newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

--

Greg Newberry -
newberry@cyberhighway.net
WB7DUO QRP-L #760
newberrg{dhwtowers/regional/newberrg}@dhw.state.id.us

From owner-qrp-l@Lehigh.EDU Sat Oct 12 23:11:31 1996
From: Mike Boice <kd0fx@worldnet.att.net>
Subject: [1654] Re: Up antenna
Message-ID: <1.5.4.32.19961012044033.00673224@postoffice.worldnet.att.net>

At 04:05 AM 10/12/96 +0000, Mike Boice wrote:
>Well, following the advice of Jerry W1UI and Steve KG7PV,

Oops! Forgot to mention Seab, AA1MY for his help, too.

Thanks!

73,
mike KD0FX
Richland WA QRP-L #576 QRP ARCI #9270